1-1/C #1/0 GREEN INSULATED GROUNDING CONDUCTOR WALL MOUNTED AT 7'- 6" AFF

1-1/C #1/0 GREEN INSULATED GROUNDING CONDUCTOR GROUND CABLE - CONNECT TO TRAY WITH BURNDY TYPE GC2826CT CONNECTOR OR APPROVED EQUAL (TYP.) (SEE DETAIL 3). COAT WITH "PENETROX-A" OR APPROVED EQUAL OXIDE INHIBITOR. DRILL 0.44" DIAMETER HOLE IN TRAY FOR INSTALLING CONNECTOR.

DROPOFF, T & B # ALW-12-DO OR APPROVED EQUAL (TYPICAL)

12"W, 24" RADIUS, HORIZONTAL BEND T & B # (AL1-3 7/8)-12-L12-HB90-24 OR APPROVED EQUAL

1-1/C #1O GREEN INSULATED GROUNDING CONDUCTOR CONNECTED TO # 1/0 GROUNDING CONDUCTOR WITH SPLIT-BOLT CONNECTOR.

TRANSFER FAN TF-1

FSD-3

1-1/C #2 GREEN INSULATED, RADIO EQUIPMENT GROUND BY OTHERS (TYPICAL)

BURNDY CONNECTOR TYPE GC2826CT OR APPROVED EQUAL (TYPICAL)

VOLTAGE SURGE SUPPRESSOR

RADIO EQUIPMENT ROOM

1-1/C #2 GREEN INSULATED (TYP) UNLESS OTHERWISE NOTED

PANELBOARD "UPS"

BURNDY # KC 23 OR APPROVED EQUAL "SERVIT POST" MECHANICAL GROUNDING CONNECTOR (TYP)

12" OPEN LADDER ALUMINUM CABLE TRAY T & B # (AL1-3 7/8)-12-L12-144 OR APPROVED EQUAL.

12" W HORIZONTAL TEE T & B # (AL1-3 7/8)-12-L12-HT24 OR APPROVED EQUAL (TYP-3).

1-1/C #1/0 GREEN INSULATED GROUND (TYP)

BURNDY # KC 23 OR APPROVED EQUAL "SERVIT POST" MECHANICAL GROUNDING CONNECTOR (TYP)

DROPOFF

GROUNDING PLATE SEE DETAIL 7 DWG. E-808

1-1/C #1O GREEN INSULATED GROUNDING CONDUCTOR CONNECTED TO # 1/0 GROUND CABLE WITH SPLIT-BOLT CONNECTOR.

FSD-1

FSD-4

BURNDY # YGHC26C26 OR APPROVED EQUAL "C" COMPRESSION CONNECTOR (TYP-3)

1-1/C #1/0 GREEN INSULATED GROUND CABLE, WALL MOUNTED AT 7'-6" AFF

PANELBOARD ERP-9E

FSD-5

ATS

150AF/200A

60A

FSD-2

7/6" HELIAX COAXIAL CABLES TO ANTENNA

1-1/C #4/0 GREEN INSULATED GROUNDING CONDUCTOR IN 1"C PER NATIONAL ELECTRIC CODE ARTICLE 810-21(f)(1) WALL MOUNTED AT 7'-6" AFF. SEE DRAWINGS E-808 AND E-813.

12" x 12" x 1/4" COPPER PLATE EXOTHERMICALLY WELDED TO STRUCTURAL STEEL COLUMN E-14/21. SEE DETAILS, DWG. E-813.

1-1/C #1/0 GREEN INSULATED GROUNDING CONDUCTOR IN 3/4"C GROUNDED TO PLATE AT COLUMN E-14/21 PER NATIONAL ELECTRIC CODE ARTICLE 250-26(C)

P-9-13N EXISTING CONTROL PANEL

BATTERY STRING #2

SEE BATTERY AND RACK DETAILS, DRAWING E-807.

SCRAPE PAINT FROM BATTERY RACKS AND COAT WITH "PENETROX-A" OR APPROVED EQUAL CONDUCTIVE OXIDE INHIBITING COMPOUND BEFORE MAKING TERMINATIONS.

BATTERY ROOM

BATTERY STRING #3

PANELBOARD DC

UPS

UPS AREA

BATTERY STRING #1

BATTERY STRING #4

MTS

PANELBOARD RP-9M

WALL MOUNT AT 7'- 6" AFF

TRANSFORMER

1-1/C #2 GREEN INSULATED GROUNDING CONDUCTOR IN 3/4"C GROUNDED TO PLATE AT COLUMN E-14/21 PER NATIONAL ELECTRIC CODE ARTICLE 250-26(C)

1-1/C #2 GREEN INSULATED GROUNDING CONDUCTOR IN 3/4"C GROUNDED TO PLATE AT COLUMN E-14/21

3/4" FLEXIBLE COPPER STRAP CONECTED TO FENCE POSTS WITH TYPE "CAR" CONNECTORS.

TYPE "CAR" CONNECTOR

RADIO EQUIPMENT ROOM

0 1 2 3 4

SCALE IN FEET

CABLE TRAY

GROUND CONNECTOR BURNDY TYPE GC2626 OR APPROVED EQUAL AT LOCATIONS SHOWN ALONG CABLE TRAY.

DETAIL 3

N.T.S.